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(54) **LARGE PACKAGE OF YARN FOR KNITTING LOOM AND WINDER FOR PRODUCING THE SAME**

increase an yarn amount.

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(57) Abstract:

PURPOSE: To provide a compact light large package always stabled with a large yarn amount and with small untying resistance and a winder to take up the yarn from the package.

CONSTITUTION: A large package P has both end portions Pa, Pc leased and the intermediate portion Pb coiled by yarn. A winder W is formed only on both ends of a grooved drum 1 with traverse guide grooves 10 and not formed on the intermediate portion Pb with the traverse guide groove 10. A traverse guide 5 to reciprocate the yarn to be taken up among the groove part on one side the grooved drum 1, the intermediate part without the groove and the groove part on the other end is provided on this side of the grooved drum 1. The large package P is obtained by this winder W, while the yarns are parallel to each other in the intermediate part Pb, so that the unwinding resistance is small and the width of both ends Pa, Pc is narrow to reduce also the untying resistance. End breakage is not generated in the shoulder part, so that the diameter is increased to

